

### AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0032] with the following amended paragraph:

**[0032]** The above-discussed and other results are analyzed at block 440 and characteristics of the circuit design are identified therefrom. If information about the circuit design sufficient for generating a BSDL file is not available at block 450, a new device-specific test bench is built at block 452. The process of analysis and identification of circuit characteristics then resumes at block 440 with the new device-specific test bench, with new test vectors being applied to the circuit design. If sufficient information for generating the BSDL file is available at block 450, a pin-to-package pinout file for the circuit design is parsed at block 460 and a BSDL file is generated using the analyzed results at block 470.